

Message

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Sent: 2/8/2020 11:43:01 AM
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Subject: Shiloh Church Road Site Unified Command Update
Attachments: enviroblend-application.jpg

Good Morning Unified Command Partners ☺

As explained in the January face-to-face meeting, the complicated world of environmental regulations requires that PCBs (poly-chlorinated biphenyl compounds) are regulated separately from hazardous waste. This becomes especially significant as we move forward on the cleanup.

PCBs are regulated under the Toxic Substances Control Act (TSCA). Debris containing PCBs (transformers, capacitors etc) must be segregated from PCB soil. Hazardous waste is regulated under the Resource Conservation and Recovery Act (RCRA). You will see these terms in this and upcoming updates.

Here's what's happening at the Site:

PCB Debris: All PCB debris has been shipped offsite for transportation and disposal! Approximately 510 tons of PCB debris was recovered from the Site and shipped to Chem Waste Management in Emelle, AL for disposal. The exact total will be calculated once EPA receives the final weights from the facility.

Mixed TSCA/RCRA Waste: As discussed in the January meeting, this material must be treated onsite before it can be disposed. EPA received 44 tons of Enviroblend, the product that will be used to stabilize the lead and cadmium. The product arrives in 1-ton supersacks. EPA's contractors have been screening the soil (to separate soil and debris) and placing the soil in 33 ton segments on Site. One ton of Enviroblend treats one segment of soil. This week we treated 2 segments. See photo attached. Particulate monitoring is performed downwind daily to verify no material is leaving the Site. Post-mix samples were sent for analysis to determine if the product was effective. This analysis will be performed for each segment. The results are expected in 5-7 days.

Radiation debris: When any soil is moved, it is checked for radiation. Only two pieces of radiation debris were detected this week. This trend of fewer radiation finds is expected to continue as most of the soil has already been checked when it was segregated.

Drinking water sampling: Two additional residences were added to the drinking water sampling list. One of these is near the Site and was on our original list of residences within the ½ mile radius. This property has a remote owner. EPA was able to obtain access this week. This will fill one of our data gaps. The second residence is located outside of the ½ mile radius. EPA has agreed to sample this residence to confirm our extent of contamination findings. Sampling is scheduled for next week.

Logistics:

A trailer was brought onto the Site for command post operations. This is located behind the old store. EPA obtained permission from the owner to place the trailer.

The severe weather on Thursday had minimal impact on the Site, although operations had to be suspended that day. EPA's contractor spent Friday creating surface drainage pathways for the big puddles. No water is being actively discharged offsite.

Overall, we have had a productive two weeks. We cannot mix in the rain, so we are hoping for lots of sunny dry weather ahead.

If you have any questions, please contact me at 804-337-3049

Have a great weekend!
Chris

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